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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:

**Volker MITTENDORF, et al.**

U.S. Application No. **10/523,503**

U.S. Filing Date: **February 2, 2005**

Int'l App. No. **PCT/US03/024364**

Int'l Filing Date **August 4, 2003**

For: **SUGAR AND LIPID METABOLISM  
REGULATORS IN PLANTS IV**

Art Unit: **Not yet assigned**

Examiner: **Not yet assigned**

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

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Respectfully submitted,

*Kathryn H. Wade*

Kathryn H. Wade, Ph.D.  
Reg. No. 54,682

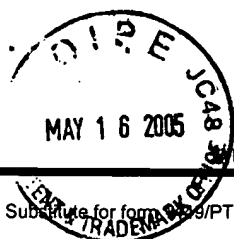
**Date: May 13, 2005**

SUTHERLAND, ASBILL & BRENNAN, LLP  
999 Peachtree Street, N.E.  
Atlanta, Georgia 30309-3996  
Tel: (404) 853-8000  
Fax: (404) 853-8806  
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		Application Number	10/523,503		
		Filing Date	February 2, 2005		
		First Named Inventor	Volker MITTENDORF et al.		
		Art Unit	To be Assigned		
		Examiner Name	To be Assigned		
Sheet	1	of	2	Attorney Docket Number	16313-0346

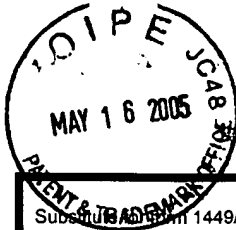
U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1.	US-5,777,201	07-07-1998	Poutre, et al.	
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FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>2</sup> (if known)				
	B1.	WO 03/014376 A2	02-20-2003	BASF Plant Science GmbH		
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	C1.	THE ARABIDOPSIS GENOME INITIATIVE 2000 Analysis of the genome sequence of the flowering plant Arabidopsis thaliana. Nature 408:796-844	
	C2.	BEISSON ET AL., 1997, "An esterase neosynthesized post-germinated sunflower seeds is related to a new family of lipolytic enzymes," Plant Physiol. Biochem 35(10):761-65.	
	C3.	BUHR ET AL., 2002, "Ribozyme termination of RNA transcripts down-regulate seed fatty acid genes in transgenic soybean", The Plant Journal 30(2):155-63.	
	C4.	ECCLESTON AND OHLROGGE, 1998, "Expression of Lauroyl-Acyl Carrier Protein Thioesterase in Brassica napus Seeds Induces Pathways for Both Fatty Acid Oxidation and Biosynthesis and Implies a Set Point for Triacylglycerol Accumulation", The Plant Cell, 10:613-21.	
	C5.	FOCKS & BENNING, 1998, "wrinkled1: A Novel, Low-Seed-Oil Mutant of Arabidopsis with a Deficiency in the Seed-Specific Regulation of Carbohydrate Metabolism", Plant Physiol., 118:91-101.	
	C6.	HÄRTEL ET AL., 2000, "DGD1 - independent biosynthesis of extraplastidic galactolipids after phosphate deprivation in Arabidopsis", Proc. Natl. Acad. Sci. USA, 97 (19):10649-10654.	
	C7.	HATJE ET AL., 1989, "World Importance of Oil Crops and Their Products", Oil Crops of the World-Their Breeding and Utilization, eds. Röbbelen, Downey, and Ashri, pp.1-21.	
	C8.	HÖFGEN AND WILLMITZER, 1990, "Biochemical and Genetic Analysis of Different Patatin Isoforms Expressed in Various Organs of Potato (Solanum Tuberosum)", Plant Sci. 66:221-230.	
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	C10.	HURRY ET AL., 2000, "The role of inorganic phosphate in the development of freezing tolerance and the acclimatization of photosynthesis to low temperature is revealed by the <i>pho</i> mutants of <i>Arabidopsis thaliana</i> ", The Plant Journal, 24(3):383-396.	
	C11.	KINNEY ET AL., 1994, "Genetic Modification of the Storage Lipids of Plants," Current Opin. in Biotech. 5:144-151.	
	C12.	MAHMOUD AND CROTEAU, 2001, "Metabolic Engineering of Essential Oil Yield and Composition in Mint by Altering Expression of Deoxyxylulose Phosphate Reductoisomerase and Menthofuran Synthase," Proc. Natl. Acad. Sci. USA 98(15):8915-20.	
	C13.	MERLOT ET AL., 2001, "The ABI1 and ABI2 protein phosphatases 2C act in a negative feedback regulatory loop of the abscisic acid signaling pathway", The Plant Journal, 15(3):295-303.	
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	C15.	MEYER ET AL., 1994, "A protein phosphatase 2C involved in ABA signal transduction in <i>Arabidopsis thaliana</i> ", Science 264:1452-55.	
	C16.	MITSUBAKAWA ET AL., 1997, "Overexpression of an <i>Arabidopsis thaliana</i> high-affinity phosphate transporter gene in tobacco cultured cells enhances cell growth under phosphate-limited conditions", Proc. Natl. Acad. Sci. USA, 94 (13):7098-7102.	
	C17.	MUELLER ET AL., 2000, "Lipid Phosphorylation in Chloroplast Envelopes", The Journal of Biological Chemistry, 275 (26):19475-19481.	
	C18.	OGAS ET AL., 1997, "Cellular Differentiation Regulated by Gibberellin in the <i>Arabidopsis thaliana</i> pickle Mutant", Science 277:91-94.	
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	C20.	OHLROGGE ET AL., 2000, "Fatty acid synthesis: from CO <sub>2</sub> to functional genomics", Biochem. Soc., Trans. 28(6):567-73.	
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	C22.	SAVAGE & OHLROGGE, 1999, "Phosphorylation of pea chloroplast acetyl-CoA carboxylase", The Plant Journal, 18(5):521-527.	
	C23.	WHITE ET AL., 2000, "A New Set of Arabidopsis Expressed Sequence Tags from Developing Seeds. The Metabolic Pathway from Carbohydrates to Seed Oil," Plant Physiol., 124:1582-1594.	
	C24.	ZOU ET AL., 1997, "Modification of Seed Oil Content and Acyl Composition in the Brassicaceae By Expression of a Yeast sn-2 Acyltransferase Gene," Plant Cell 9:909-23.	
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